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(54) Title: ACCELERATOR SYSTEMS FOR LOW-TEMPERATURE CURING

(57) Abstract: Composition comprising as component A) a 1-imidazolyl[methyl-substituted 2-naphthol compound of the general formula (I) where R₁, R₂ and R₃ each independently of one another are H; C₁₋₁₇alkyl; C₃₋₁₂cycloalkyl, optionally substituted by C₁₋₄alkyl groups; C₄₋₂₀cycloalkyl-alkyl, optionally substituted by C₁₋₄alkyl groups; C₆₋₁₀aryl, optionally substituted by 1-3 C₁₋₄alkyl groups; C₇₋₁₅phenylalkyl, optionally substituted by 1-3 C₁₋₄alkyl groups; C₃₋₁₇alkenyl; C₃₋₁₂alkynyl; or aromatic or aliphatic C₃₋₁₂acyf; R₄, R₅, R₆, R₇, R₈, and R₉ each independently of one another are H; C₁₋₁₂alkyl; C₃₋₁₂cycloalkyl, optionally substituted by C₁₋₄alkyl groups; C₄₋₂₀cycloalkyl-alkyl, optionally substituted by C₁₋₄alkyl groups; C₆₋₁₀aryl, optionally substituted by 1-3 C₁₋₄alkyl groups; C₇₋₁₅phenylalkyl, optionally substituted by 1-3 C₁₋₄alkyl groups; C₃₋₁₇alkenyl; C₃₋₁₂alkynyl; C₁₋₁₂alkoxy; or OH; and as component B) a phenol which is liquid at room temperature, the weight ratio of component A) to component B) being from 10:90 to 80:20. as accelerator for curable epoxy resin compositions which are used as a compression moulding compound, sinter powder, encapsulating system, casting resin, or for producing prepreps and laminates having very good interlaminar shear strength values using impregnating methods or injection methods, for producing components, especially components of large surface area.